

What is claimed is:

1. A mobile station comprising:  
2 a wireless communication unit for wirelessly  
3 communicating with a mobile communication system  
4 network; and  
5 a Web function unit which is connected to a  
6 content in said mobile communication system network via  
7 said wireless communication unit and has a content  
8 server function in WWW (World Wide Web).
2. A mobile station according to claim 1, wherein  
2 said mobile station further comprises a speech  
3 communication unit for speech, and  
4 said wireless communication unit, said Web  
5 function unit, and said speech communication unit  
6 constitute a portable telephone.
3. A mobile station according to claim 1, wherein  
2 said mobile station further comprises a cache  
3 memory for storing a content provided by said Web  
4 function unit, and  
5 a content stored in said cache memory is  
6 referred to from said mobile communication system  
7 network by accessing said cache memory.
4. A mobile station according to claim 1, wherein

2 the content server function includes at least one of a  
3 WWW server function, mail server function, and news  
4 server function.

5. A communication system comprising a mobile  
2 communication system network, and first and second  
3 mobile stations connected to said mobile communication  
4 system network,

5 said first mobile station comprising a Web  
6 function unit with a content server function in WWW  
7 (World Wide Web), and

8 said second mobile station comprising a  
9 browser function unit for browsing a WWW content.

6. A system according to claim 5, wherein  
2 said mobile communication system network has a  
3 mobile station authentication device, and

4 said mobile station authentication device  
5 permits said first and second mobile stations to  
6 provide/browse a content by using said mobile  
7 communication system network.

7. A system according to claim 5, wherein  
2 said mobile communication system network  
3 comprises a cache equipment, and  
4 said cache equipment caches a set content  
5 having a high access frequency among contents provided

6 by said Web function unit, and when said second mobile  
7 station requests the set content, provides the set  
8 content cached in said cache equipment to said second  
9 mobile station.

8. A system according to claim 7, wherein said  
2 cache equipment confirms an update state of the content  
3 provided by said Web function unit, and caches a content  
4 updated based on a confirmation result.

9. A system according to claim 7, wherein  
2 said first mobile station outputs a  
3 cached-content rewrite request to said cache equipment  
4 when the content provided by said Web function unit is  
5 updated, and  
6 said cache equipment rewrites the cached  
7 content in response to the content rewrite request from  
8 said first mobile station.

10. A system according to claim 5, wherein  
2 said second mobile station has a cache unit,  
3 and  
4 said cache unit caches only a changed content  
5 when the content is updated.

11. A system according to claim 5, wherein the  
2 content server function includes at least one of a WWW

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